



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: 600 Capitol Way N • Olympia, WA 98501-1091 • (360) 902-2200, TDD (360) 902-2207
Main Office Location: Natural Resources Building • 1111 Washington Street SE • Olympia, WA

March 19, 2007

Department of Ecology
Southwest Regional Office
PO Box 47775
Olympia, Washington 98504-7775

RECEIVED
MAR 21 2007
Washington State
Department of Ecology

WATER RIGHT APPLICATION REVIEW

Application Number: S2-30382

Applicant: Wash State Dept of Transportation
PO Box 47331
Olympia, WA 98504

WRIA: 23

Water: North Fork Newaukum River

This water and/or affected reaches downstream are inhabited by: chinook, coho and steelhead plus numerous game and non-game resident fish.

Surface waters in potential hydraulic continuity with this well are inhabited by:

Based on: ☐ Site-specific observations ☒ WDFW database or GIS
☒ Literature ☐ Knowledge of this type of stream

Amount: 0.60 cfs **gpm** 2.00 acre-ft/yr
Point of diversion: SE SW S17 & NE NW S20 T13N R01W

WDFW recommended conditions:

☒ Instream flows in WAC 173-522-

☐ This water right should be subject to established lake levels, if any.

Instream flows based on: ☐ IFIM study ☐ USGS toe-width ☐ Tennant
☐ Other:

WDFW requests that water right be subject to the following instream flows or natural flow, whichever is less:

Instream flows to be measured at:

Other conditions requested by WDFW indicated by ☒:

☐ HPA

☒ Screen intake if accessible to fish (to be determined during application for HPA) according to WDFW standards.

S

☐ Based upon review of fish resources present, type and amount of water use, condition of habitat, and amount of water available, **WDFW REQUESTS DENIAL** of this application, in accordance with RCW 77.57.020, IF THIS SPACE IS CHECKED.

☐ WDFW recommends modification of this proposal to minimize impacts to fish.

☐ WDFW is a landowner and water user that will be affected by this proposed use.

☐ Please HOLD this application pending field review. WDFW staff will provide detailed response by

☐ Granting this water right application would adversely affect WDFW's existing water rights for a facility. We request the following conditions for this water right if it is granted.

Rationale for WDFW recommendations if not based on existing rules or statutes: WDFW does not have any objection to withdrawing water temporarily from the North Fork Newaukum River provided that minimum instream flows are met and the intake is screened to appropriate standards (see <http://wdfw.wa.gov/hab/engineer/fishscrn.htm>).

Additional Comments:



Steve Boessow
Water Rights Biologist
360-902-2410
Fax: 360-902-2946
E-mail: boesssnb@dfw.wa.gov

Newaukum Near Chehalis (USGS GAGE 12025000)

Day of Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	IRPP FLOW
05/01	541	274	443	705	188	658	617	1070	149	261	275	939	299	412	131	330	210
05/02	560	251	362	681	175	1100	547	883	157	373	277	825	289	373	125	416	207
05/03	521	234	311	825	170	1200	518	753	153	622	310	632	277	345	122	409	203
05/04	433	221	275	943	207	868	477	798	144	638	332	512	256	420	121	357	200
05/05	382	212	241	787	227	723	431	667	139	567	342	444	267	552	142	337	196
05/06	336	206	217	789	182	615	395	993	133	475	335	379	312	479	124	299	193
05/07	314	220	187	722	165	520	384	615	130	566	296	329	289	416	124	273	189
05/08	312	454	182	893	150	455	385	534	127	601	289	293	269	398	143	260	185
05/09	276	365	202	805	142	410	341	467	126	592	419	269	247	356	136	268	181
05/10	253	309	220	803	134	419	314	415	125	574	708	249	232	323	120	724	177
05/11	246	274	200	656	128	448	308	374	123	501	638	231	218	302	127	724	174
05/12	245	251	178	561	122	559	341	339	119	487	621	218	208	296	130	548	170
05/13	280	238	167	482	119	454	396	308	138	448	504	205	204	269	117	439	167
05/14	278	224	156	423	118	385	499	285	165	486	438	208	239	252	110	454	163
05/15	249	207	147	377	125	339	442	264	255	491	373	381	220	257	105	444	160
05/16	232	195	139	340	117	308	428	247	230	437	326	728	199	299	108	641	157
05/17	216	224	132	310	154	293	513	230	195	476	287	528	228	322	104	641	154
05/18	214	208	126	286	135	269	744	216	178	662	273	405	211	298	95	758	151
05/19	219	277	122	257	122	249	839	203	163	634	328	335	194	264	94	998	149
05/20	224	247	118	315	117	231	721	208	154	527	284	291	233	243	91	1180	146
05/21	284	226	114	326	112	214	627	243	219	449	249	257	221	238	88	967	143
05/22	323	210	110	357	106	197	770	199	196	390	246	233	226	224	94	866	141
05/23	286	196	108	305	101	184	985	191	171	353	224	212	210	214	171	714	138
05/24	266	221	102	263	96	176	857	197	182	344	205	194	188	201	125	571	136
05/25	249	258	99	232	92	168	661	178	485	324	189	182	176	203	105	474	134
05/26	224	327	104	224	90	159	537	167	447	290	191	172	172	190	151	401	131
05/27	227	280	102	207	83	152	458	176	413	282	194	195	168	181	344	347	129
05/28	238	251	96	207	86	146	415	196	584	243	202	162	239	169	789	312	127
05/29	214	234	96	275	101	139	407	232	443	228	216	167	289	160	750	289	125
05/30	205	282	93	277	118	133	361	214	400	211	194	153	252	153	612	274	122
05/31	356	241	87	1120	98	128	324	1330	340	204	185	146	206	150	683	261	120
06/01	343	215	82	1020	118	123	292	1330	285	226	181	141	182	144	497	282	118
06/02	298	200	81	643	101	119	268	858	254	209	169	161	167	141	371	281	116
06/03	736	189	76	486	31	116	248	703	224	188	157	229	163	133	299	251	114
06/04	1030	181	71	416	39	114	231	991	206	179	148	172	155	127	251	229	111
06/05	732	173	70	376	38	152	220	1030	195	244	141	157	163	121	232	220	109
06/06	625	167	69	386	111	138	204	684	182	260	150	174	160	115	269	239	107
06/07	619	165	69	331	193	125	193	532	169	264	196	173	146	110	303	220	105
06/08	576	176	68	296	215	116	182	444	180	256	187	152	154	106	257	218	103
06/09	556	162	67	297	160	108	173	376	155	270	161	146	148	109	225	203	101
06/10	914	149	69	439	131	105	169	329	201	238	188	144	136	110	225	187	99
06/11	934	141	66	446	116	128	160	294	260	208	255	171	130	111	223	197	97
06/12	787	146	69	532	108	112	154	307	188	188	499	290	124	106	202	205	95
06/13	684	157	77	438	131	122	147	267	159	178	655	217	115	110	247	190	94
06/14	564	185	100	370	177	134	142	238	146	168	468	184	108	122	266	181	92
06/15	475	168	77	403	122	128	136	217	145	160	377	169	105	105	229	172	90
06/16	411	183	72	365	253	120	131	204	148	157	306	158	103	97	202	167	88
06/17	366	285	71	302	199	115	134	206	134	147	258	147	105	92	182	272	87
06/18	324	220	68	264	198	139	162	276	131	141	226	139	120	88	165	234	85
06/19	288	186	62	237	182	147	138	214	138	142	210	130	137	91	153	222	84
06/20	264	260	59	216	151	132	124	191	130	133	192	123	114	91	142	187	82
06/21	240	482	56	203	133	134	117	197	121	147	176	116	100	90	133	168	81
06/22	226	344	52	311	121	121	116	286	113	147	166	110	93	95	126	167	79
06/23	212	279	48	398	111	108	131	334	116	134	159	109	90	92	128	168	78
06/24	199	238	46	278	107	99	243	293	133	185	149	107	87	88	125	151	77
06/25	192	211	45	232	124	91	194	170	141	215	144	84	82	120	142	159	75
06/26	186	195	43	209	100	86	144	214	473	213	133	109	80	78	113	136	74
06/27	179	181	46	202	96	81	125	199	304	178	126	157	78	73	106	184	73
06/28	181	167	45	211	89	75	125	188	223	160	118	324	101	70	101	170	72
06/29	181	159	63	205	83	72	117	182	180	152	110	190	281	67	97	155	70
06/30	167	163	104	186	83	69	107	174	158	147	108	151	201	66	94	140	69
07/01	162	149	67	174	80	65	100	179	146	152	106	134	153	72	91	131	68
07/02	160	137	56	170	95	63	96	166	142	141	104	121	131	69	90	125	67
07/03	169	129	52	161	86	70	94	153	135	212	118	110	115	65	91	120	66
07/04	155	122	52	155	79	73	107	143	136	221	132	102	108	65	88	113	64
07/05	149	117	106	150	79	68	95	136	135	194	113	97	103	53	83	107	63
07/06	157	113	98	145	80	64	89	146	127	168	102	96	93	65	80	151	62
07/07	156	107	78	139	70	66	84	147	116	152	97	92	90	64	80	148	61
07/08	143	103	68	130	65	64	80	161	108	145	93	88	101	64	77	126	60
07/09	134	101	62	126	62	91	78	405	103	131	93	85	93	66	74	233	58
07/10	125	102	58	123	59	278	77	436	97	121	92	81	84	60	74	191	57
07/11	115	97	57	122	57	128	74	427	97	113	87	79	78	56	79	167	56
07/12	111	93	56	122	55	99	71	315	97	106	86	77	74	54	72	151	55
07/13	102	90	52	120	52	85	68	256	93	101	82	75	71	54	66	137	54
07/14	96	90	51	167	54	80	66	221	88	98	81	73	69	56	64	126	53
07/15	92	89	48	158	48	76	68	88	78	76	73	68	51	115	52	119	52
07/16	89	93	46	178	31	71	64	182	86	94	77	81	66	31	60	110	51
07/17	87	90	43	314	43	64	67	166	81	109	74	92	64	49	58	105	50
07/18	85	88	41	224	47	60	84	155	79	142	72	98	64	47	57	98	49
07/19	81	84	41	174	45	55	143	147	79	106	72	83	63	45	55	91	48
07/20	77	85	44	201	43	52	116	139	78	94	70	76	63	43	54	87	47
07/21	75	82	45	251	40	51	91	132	73	89	69	75	61	42	53	85	46
07/22	72	77	47	235	39	53	79	129	70	86	68	72	58	41	50	83	45
07/23	70	73															



USGS-12024400 NF NEWAUKUM RIVER ABOVE BEAR CREEK-NEAR FOREST



NEWAUKUM RIVER NEAR CHEHALIS WA

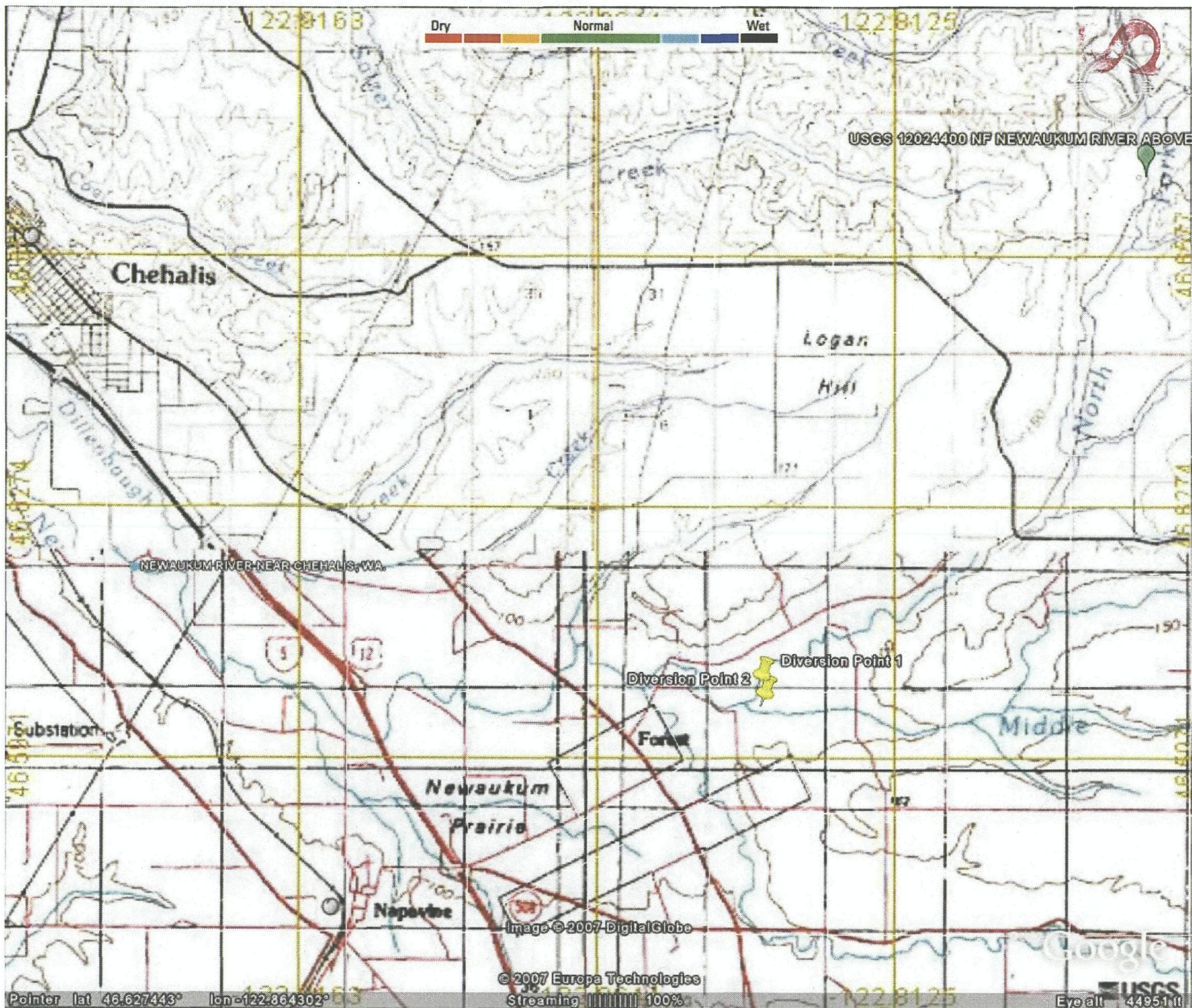
Diversion Point 2
Diversion Point 1

South Fork Newaukum River

Pointer lat 46.606422° lon -122.845277°

Image © 2007 DigitalGlobe
© 2007 Europa Technologies
Streaming 100%

Google





Water
Resources

National Water Information
System: Web Interface

Data Category:

Site Information

Geographic Area:

Washington

GO

Site Map for Washington

[Click Here](#) for information on data reliability.

Some gages are scheduled to be discontinued in July 2007.

USGS 12025000 NEWAUKUM RIVER NEAR CHEHALIS, WA

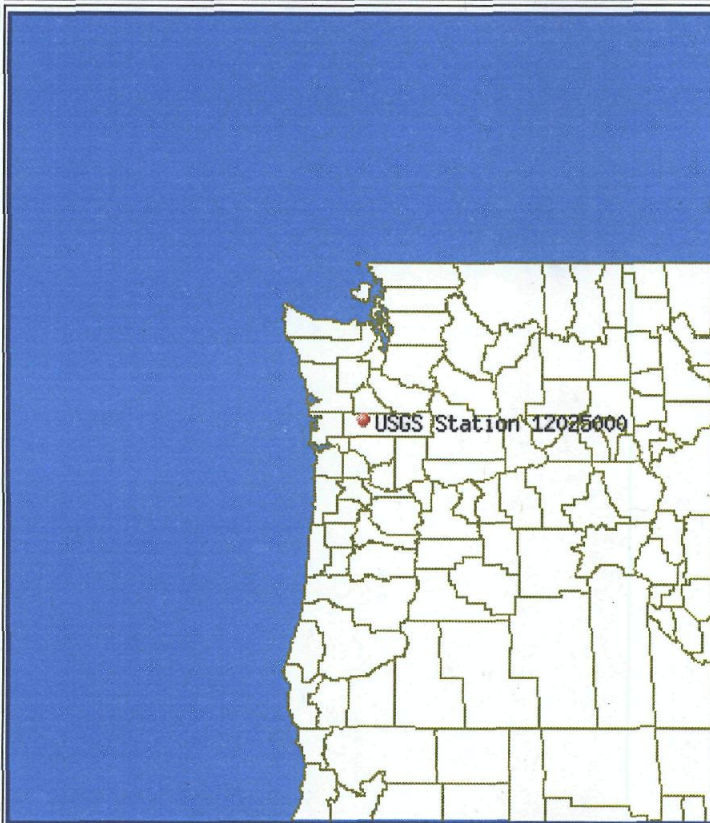
Available data for this site

Site map

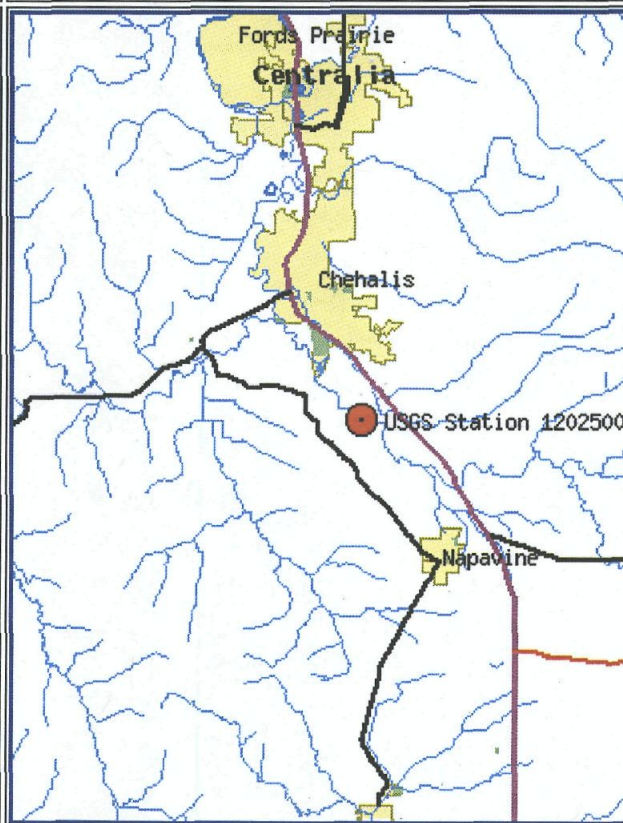
GO

Lewis County, Washington
Hydrologic Unit Code 17100103
Latitude 46°37'13", Longitude 122°56'38" NAD27
Drainage area 155 square miles
Gage datum 190.00 feet above sea level NGVD29

Location of the site in Washington.



Site map.



ZOOM IN [2X](#), [4X](#), [6X](#), [8X](#), or ZOOM OUT [2X](#), [6X](#), [8X](#).

Maps are generated by [US Census Bureau TIGER Mapping Service](#).

[Questions about sites/data?](#)

[Feedback on this web site](#)

NWIS Site Inventory for Washington: Site Map

<http://waterdata.usgs.gov/wa/nwis/nwismap?>

[Top](#)

[Explanation of terms](#)

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0.92 0.91 ca02

Water
ResourcesNational Water Information
System: Web Interface

Data Category:

Real-time

Geographic Area:

Washington

GO

[Click Here](#) for information on data reliability.Some gages are scheduled to be [discontinued](#) in July 2007.**USGS 12025000 NEWAUKUM RIVER NEAR CHEHALIS, WA**
PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site

Time-series: Real-time data

GO

Hydrologic Unit 17100103, on left bank at highway bridge, 3.0 miles southeast of Chehalis, and at river mile 4.1. [Drainage area](#) is 155 mi². [Elevation](#) of gage is 190 feet above NGVD of 1929, from topographic map.

Maps.--[Locate this station](#) on a [map of the basin](#) (PDF).

Additional Data and Information.--Station [data inventory](#), [annual data report](#), and [latest shifted rating](#).

Flood Stage.--The National Weather Service has not established a [Flood Stage](#) for this station. Lewis County has [Flood Phase Information](#) for this gage.

Cooperation.--*Funds for the operation of the gage and telemetry equipment, and production of the data are provided by [Lewis County Department of Public Works](#).*

Station Notes

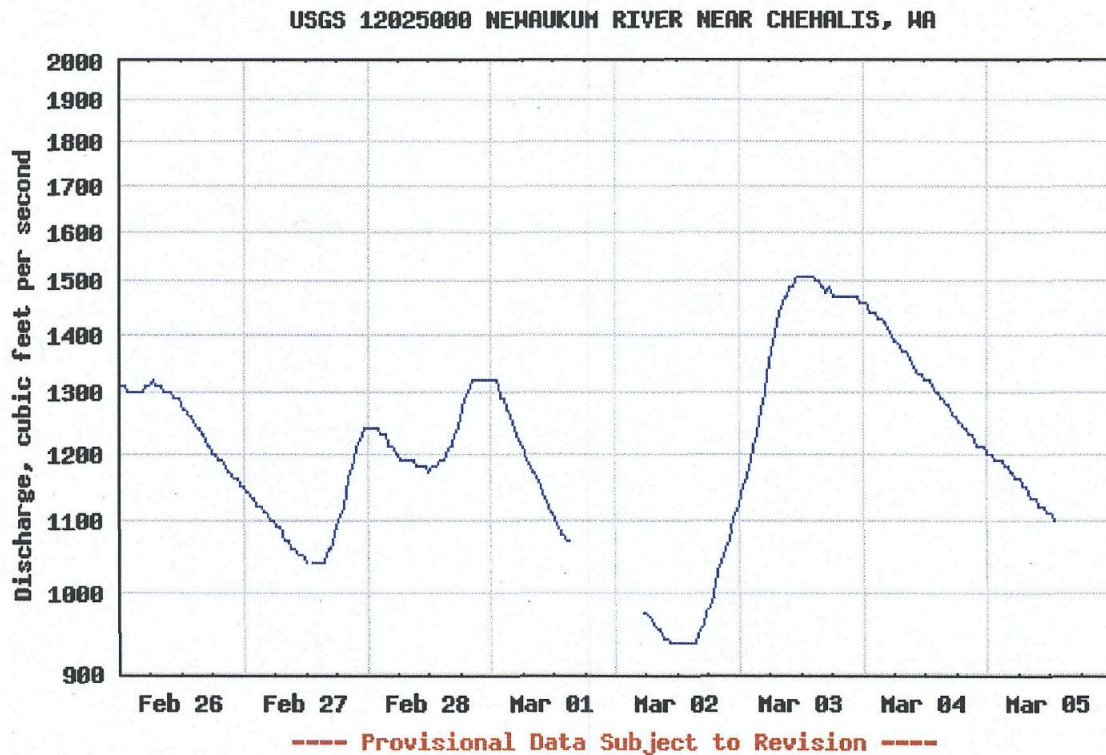
The [near-realtime data](#) for this USGS gage are provided by the [NWS](#).

Available Parameters		Output format	Days	
<input checked="" type="checkbox"/>	All 2 Available Parameters for this site	<input checked="" type="radio"/> Graph	7	GO
<input checked="" type="checkbox"/>	00060 Discharge	<input type="radio"/> Graph w/ stats	(1-31)	
<input checked="" type="checkbox"/>	00065 Gage height	<input type="radio"/> Graph w/o stats		
		<input type="radio"/> Table		
		<input type="radio"/> Tab-separated		

Summary of additional data for this site

Discharge, cubic feet per second

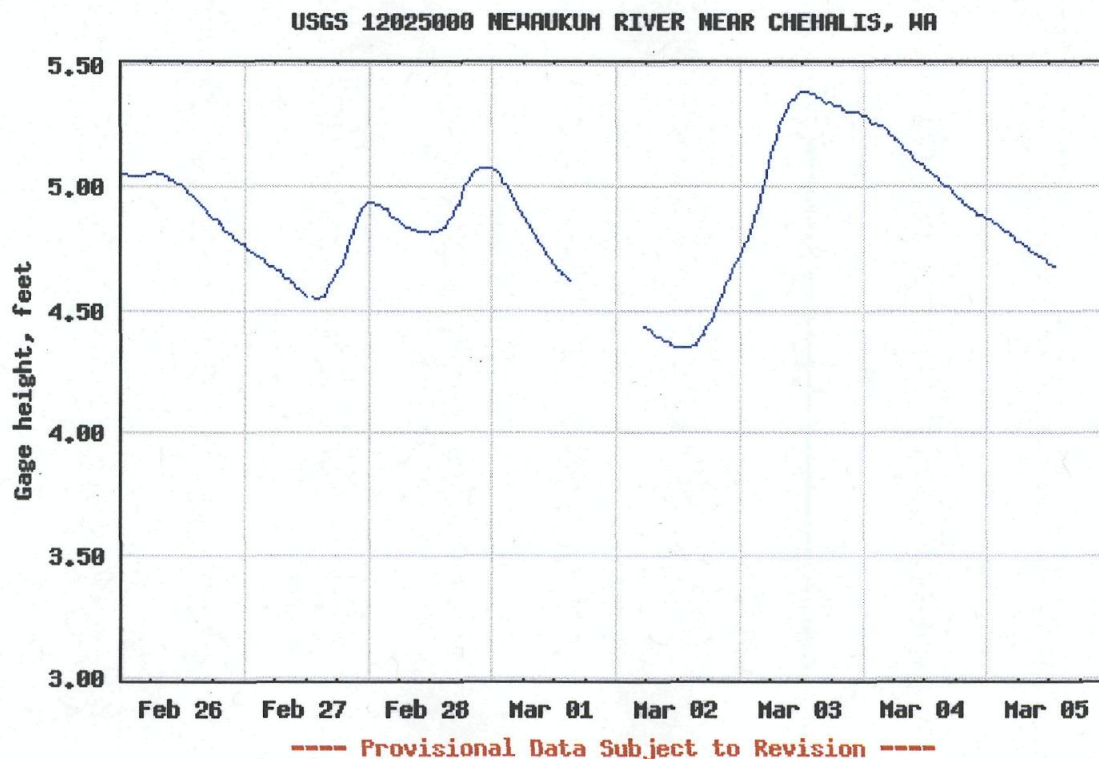
Most recent instantaneous value: 1,100 03-05-2007 13:00

[Create presentation-quality graph](#)

Parameter 00060; DD 03

Gage height, feet

Most recent instantaneous value: 4.68 03-05-2007 13:00



[Create presentation-quality graph](#)

Parameter 00065; DD 04

[Questions about sites/data?](#)

[Feedback on this web site](#)

USGS Real-Time Water Data for Washington
<http://waterdata.usgs.gov/wa/nwis/uv?>

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1.15 1.14 ca02



Hunemuller, Deb (ECY)

From: Hamilton, Brooke [HamiltB@WSDOT.WA.GOV]
Sent: Tuesday, March 06, 2007 7:03 AM
To: Hunemuller, Deb (ECY)
Subject: water right request

Hi Deb. Here is the short right up you were wanting. Sorry about not getting to you yesterday. I had one extra letter in your email. Let me know if I can do anything else. Thanks.

"A water right is needed by the Washington State Department of Transportation for its Wetland Mitigation Bank located in Lewis county. Water from the Newaukum river will be withdrawn during the peak summer months to irrigate *new* trees and shrubs planted on the site. The need for irrigation is to address the high mortality rate we have experienced the last few years with new plantings. This site will serve as future wetland mitigation for WSDOT transportation projects in WRIA 23."

Brooke Hamilton
Wetland Biologist
Alternative Mitigation Program
Environmental Services Office
Washington State Department of Transportation
360-705-7348





**Washington State
Department of Transportation**
Douglas B. MacDonald
Secretary of Transportation

Transportation Building
310 Maple Park Avenue S.E.
P.O. Box 47300
Olympia, WA 98504-7300

360-705-7000
TTY: 1-800-833-6388
www.wsdot.wa.gov

March 12, 2007

Department of Ecology
Water Resource Program
Southwest Region Office
P.O. Box 47775
Olympia, WA 98504-7775

Attn: Sheri Carroll

Re: Water Right Application No. **S2-30382**

Enclosed is the original copy of the affidavit of publication from the Lewis County newspaper, *The Chronicle*, as requested.

Please contact me at 360.705.7348 if you have any questions or need anything else.

Sincerely,

Brooke Hamilton
Wetlands Biologist
Department of Transportation
Environmental Services Office

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MAR 15 2007

Washington State
Department of Ecology

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AFFIDAVIT OF PUBLICATION

STATE OF WASHINGTON }
COUNTY OF LEWIS } SS

Jeanne Rudeen, says that she is the legal clerk of

The Chronicle

a daily newspaper, which has been established, published in the English language, and circulated continuously as a daily newspaper in the City of Centralia, and in said County and State, and of general circulation in said county for more than six (6) months prior to the date of the first publication of the Notice hereto attached, and that the said Chronicle was on the 7th day of July 1941, approved as a legal newspaper by the Superior Court of said Lewis County.

And that the attached is a true copy and was published in regular issues (and not in supplement form) of said newspaper as Legal # 0184,

once each week for a period of 2

consecutive weeks,

commencing on the

31st day of January, 2007

and ending on the

7th day of February, 2007, and both dates inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the foregoing publication is the sum of

\$ 175.60.

Jeanne Rudeen

Subscribed and sworn to before me this

1st day of MARCH, 2007.

ARITA S. FEEBORN

Notary Public in and for the State of
Washington, residing at

CENTRALIA WA 98531

STATE OF WASHINGTON

DEPARTMENT OF
ECOLOGY

NOTICE OF SHORT
TERM APPLICATION
TO APPROPRIATE
PUBLIC WATERS

TAKE NOTICE:

That WA State Dept of Transportation of Olympia, Washington on December 18, 2006, under Short Term Application No. S2-30382 filed for a permit to appropriate public waters, subject to existing rights, from North Fork Newaukum River tributary to Chehalis River in the amount of 0.6 cubic feet per second as needed June 1, 2007 through October 1, 2008 for irrigation of native plants. The source of the proposed appropriation is located within the SE 1/4 SW 1/4, Section 17 and NE 1/4 NW 1/4, Section 20, both of T¹ N., R. 1 W.W.M., of Lewis County, Washington.

Protests or objections to approval of this application must include a detailed statement of the basis for objections and are subject to public disclosure. Protests must be accompanied by a fifty dollar (\$50.00) recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from: Feb. 7, 2007.

Department of Ecology,
SWRO
PO Box 47775
Olympia, Washington
98504-7775

L#0184 Jan. 31 & Feb. 7,
2007

ENVIRONMENTAL SERVICES
RECEIVED ON

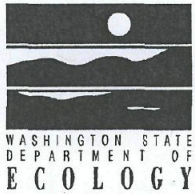
JAN 06 2007

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MAR 15 2007

Washington State
Department of Ecology

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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

NOTICE OF SHORT TERM APPLICATION TO APPROPRIATE PUBLIC WATERS

TAKE NOTICE:

That WA State Dept of Transportation of Olympia, Washington on December 18, 2006, under Short Term Application No. S2-30382 filed for a permit to appropriate public waters, subject to existing rights, from North Fork Newaukum River tributary to Chehalis River in the amount of 0.6 cubic feet per second as needed June 1, 2007 through October 1, 2008 for irrigation of native plants. The source of the proposed appropriation is located within the SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 17 and NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 20, both of T. 17N., R. 1 W.W.M., of Lewis County, Washington.

Protests or objections to approval of this application must **include a detailed statement** of the basis for objections and are subject to public disclosure. Protests must be accompanied by a **fifty dollar (\$50.00)** recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from: _____ (*Last date of publication to be entered above by publisher*)

Department of Ecology, SWRO
PO Box 47775
Olympia, Washington 98504-7775

NOTICE MUST BE PUBLISHED ONCE A WEEK FOR TWO CONSECUTIVE WEEKS

